



## **CURRICULUM VITAE**

**Dr. Michal Ayalon-Soffer**

### **ACADEMIC DEGREES**

PostDoc-1998-2000: Department of Molecular Biology of the Cell, Weizmann Institute of Science.

Research Subject- ALL-1 dependent leukemias: do the ALL-1 fusion genes constitute sufficient targets for therapeutic intervention?

Ph.D.- 1993-1997: Department of Cell Research and Immunology, Faculty of Life Science, Tel-Aviv University.

Thesis- Determinant and mechanism of ER retention and degradation. Studies on the H2 subunit of the Asialoglycoprotein receptor. Advisor- Dr. Gerardo Lederkremer.

M.Sc- 1990-1992: Department of Cell Research and Immunology, Faculty of Life Science, Tel-Aviv University- Graduated with excellence.

Thesis-The use of Serum Albumin as a potential carrier for a molecular decoy. Advisor- Prof. Jonathan Gershoni.

B.Sc.- 1987-1990: Biology, Faculty of Life Sciences, Tel-Aviv University- Graduated with excellence.

### **PROFESSIONAL EXPERIENCE**

2005- : Biological experimentation manager at Compugen. This position entails management of the biological activity evaluation of Compugen's innovative molecules in vitro and in vivo.

2003-2005: Team leader, candidate selection. This position entailed the selection of Compugen's novel candidates into the therapeutic pipeline.

2002-2003: Biology Project Manager at Predix Pharmaceuticals. This position entailed the establishment of biological systems aimed at evaluating the therapeutic potential activity of the putative GPCR agonists or antagonists that were designed by the company.

2001-2002: Medical Writer at Teva Pharmaceuticals. This position entailed the analysis of advanced (phase III) clinical trial results and the creation of clinical trial reports, according to the regulatory requirements for NDA of the American and European regulatory authorities.

2000-2001: Research Associate at the laboratory of Dr. Drorit Noiman, Department of Cell Biology, Medical School, Tel-Aviv University.

Research Subject- Protein interactions of the Amyloid Precursor Protein (APP) and their role in the development of Alzheimer disease.

1994-1995: Laboratory Technician at "combact diagnostic" company.

1990-1997: Teaching assistant, Department of Cell Research and Immunology, Faculty of Life Science, Tel-Aviv University in the following courses: Advanced Cell Biology laboratory course, Immunology laboratory course, Cell Biology course.

### **PRIZES AND SCHOLARSHIPS**

1. Eshcol Post-Doctoral fellowship, the science ministry, 1998.
2. Faculty of Life Sciences scholarship for Ph.D. studies, 1993.
3. Faculty of Life Sciences scholarship for MSc. studies, 1991.
4. Paolina Erlich award for special achievement, 1991 and 1997.
5. Faculty of Life Sciences prize for excelling in undergraduate studies, 1990.

### **PUBLICATIONS**

1. Tolchinsky, S., Yuk, M.H., Ayalon, M., Lodish, H.F. and Lederkremer, G.Z. (1996) Membrane bound versus secreted forms of human asialoglycoprotein receptor subunits: a role for a juxtamembrane pentapeptide. J. Biol. Chem. 271: 14496-14503.
2. Ayalon, M.\*, Schenkman, M.\* and Lederkremer, G.Z. (1997) Endoplasmic reticulum quality control of asialoglycoprotein receptor H2a involves a determinant for retention and not retrieval. Proc.Natl.Acad.Sci.USA.94: 11363-11368.\* The first two authors equally contributed to this work.
3. Ayalon-Soffer, M., Schenkman, M and Lederkremer, G.Z. (1999) Acceleration of ER degradation by inhibition of glucose trimming on asialoglycoprotein receptor H2a is unrelated to calnexin association. J. Cell Science 112: 3309-3318.
4. Ayalon-Soffer, M., Kamhi-Nesher, S and Lederkremer, G.Z. (1999) Folding and Self-Assembly do not prevent ER retention and proteosomal degradation of asialoglycoprotein receptor H2a. FEBS Letter 460: 112-116.

**PERSONAL DATA**

Name: Michal Ayalon-Soffer  
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Date of Birth: May 13, 1966  
Place of Birth: Israel  
Address: 14, Hanoter st., Ramat-Hasharon, 47210.  
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Marital Status: Married+2  
Military Service: 1984-1986, Operation Sergeant